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Via Electronic Mail

October 14, 2016

Mr. Tim Maley
Remedial Project Manager
U.S. EPA Region V
Superfund Division (SR-6J)
77 W. Jackson Blvd.
Chicago, IL 60604-3590

**Reference: Gary Development Landfill Superfund Site, Gary, Indiana
Administrative Settlement Agreement and Order on Consent for the
Remedial Investigation/Feasibility Study,
CERCLA Docket No. V-W-14-C-004
September 2016 Monthly Progress Report #029**

Dear Mr. Maley:

In fulfillment of the requirements of Section IX, Paragraph 32, of the Administrative Settlement Agreement and Order on Consent for the Remedial Investigation/Feasibility Study, CERCLA Docket No. V-W-14-C-004, the Respondents are submitting the September 2016 monthly progress report.

Should you have any questions or comments, please contact Mr. Mike Samples, or me, at (865) 691-5052.

Sincerely,
de maximis, inc.

A handwritten signature in blue ink, appearing to read "Michael H. Underwood", is written over the typed name.

Bennie L. Underwood
Project Coordinator

BLU/MHS/
Enclosure

cc: (via e-mail)

Leslie Blake, EPA
Nick Cooper, IDEM
Jeff Cahn, Esq., EPA
David Rieser, Esq., K&L Gates
Mike Samples, *de maximis*
Mark Raybuck, Parsons
GDL Technical Committee

MONTHLY PROGRESS REPORT - #029

PROJECT NAME: Gary Development Landfill Superfund Site

PERIOD COVERED: September 2016

A. ACTIONS TAKEN TOWARD COMPLIANCE WITH THE SETTLEMENT AGREEMENT

- In accordance with Section 3.5.2.2 of the RI/FS Work Plan, sediment sampling in the southern wetlands was initiated. Based on findings from the previously completed wetland delineation activity, the USEPA provided verbal agreement on September 8, 2016, that sample locations proposed in the RI/FS Work Plan, identified as not actually being located within the wetland, should be relocated into the current wetland footprint.
- Pursuant to Section 3.5.5.4 of the RI/FS Work Plan, on September 14 and 15, 2016, gas vent and air sampling was implemented.
- Pursuant to Section 3.5.3.3 of the RI/FS Work Plan, on September 14, 2016, working with the Indiana Department of Natural Resources (DNR), surface water and sediment samples were collected from the off-Site background pond.
- In a letter dated September 19, 2016, the USEPA granted approval of the Perimeter Groundwater Evaluation – Preliminary Screening Data Summary and Monitoring Well Proposal (Monitoring Well Proposal). The letter also granted “exceptions” for some of the proposed locations. On September 20, 2016, representatives of the USEPA and the Gary Development Landfill Site PRP Group (Respondents) participated in a conference call to discuss agency comments. A summary of understandings and resolutions agreed to was provided in an email dated September 22, 2016. The following day, the USEPA concurred with the Respondents summary. On September 26, 2016, the drilling subcontractor was remobilized to the Site and installation of monitoring wells initiated. Wells installed during the reporting period included MW01S and MW09S.

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- During the reporting period the Respondents continued discussions with the Canadian National Railroad (Railroad) regarding access to the area north of the northern pond for the installation of permanent monitoring well location MW04S. However, attempts to schedule a meeting at the Site to review the proposed location, per the Railroad's request, were unsuccessful because the Railroad representative was not available.
- Pursuant with Section 3.5.1.2 of the RI/FS Work Plan, the on-Site building asbestos and hazardous materials survey was performed by EFS on September 27, 2016.

B. SAMPLING AND TESTING ACTIONS AND RESULTS

- Geotechnical sampling results have been received from the laboratory, and have been reviewed by the Respondent's contractor. These results will be included in the RI Report.
- Surface water and sediment samples that were collected from the off-Site background pond on September 14, 2016, included two surface water samples (SW90 and SW91), and two sediment samples (SD90 and SD91).
- Field readings and gas samples were collected from the six gas vents (GV02, GV06, GV14, GV15, GV16, and GV17) and two soil vapor probes (AS02 and AS05) and were sent to the laboratory for analysis.
- As part of the on-Site building survey performed by EFS on September 27, 2016, samples were collected and sent out for analysis.

C/D. WORK PLANNED FOR NEXT TWO MONTHS AND SCHEDULE OF SIGNIFICANT ACTIVITIES / DELIVERABLES

- Continue and complete the installation of monitoring wells in accordance with the Perimeter Groundwater Evaluation – Preliminary Screening Data Summary and Monitoring Well Proposal, dated August 23, 2016, and agreed upon resolutions and field discussions between EPA and the Respondents.

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- Upon completion of the monitoring well installations, the first quarterly groundwater sampling event is scheduled to occur in late October or early November 2016.
- Pursuant to Section 3.5.2.2 of the RI/FS Work Plan, continue and complete sediment sampling in the southern wetlands.
- Pursuant to Section 3.5.3 of the RI/FS Work Plan, collect surface water and sediment samples from the northern pond.
- Continue discussions with the Canadian National Railroad regarding access to the area north of the northern pond for installation of monitoring well MW-04.

E. CHANGES IN RI/FS WORK PLANS OR ACTIVITIES

- Due to site access issues, and per agreement with the USEPA, the installation of perimeter borings at locations GP06 and GP07, north of the northern pond, were cancelled as part of the initial groundwater evaluation, with the installation of a permanent well (MW04S) added as part of the monitoring well installation task. Conversations with the Railroad and other property owners for permission to install this well are in progress.

F. ENCOUNTERED / ANTICIPATED DELAYS

- In accordance with on-going discussions between representatives of USEPA and the Respondents, an updated project schedule is being developed to account for unexpected delays associated with drilling efforts and other tasks (brush fire/refusal/landfill gas).

G. COMMUNITY RELATIONS ACTIVITIES

- None.